



**MIAMI-DADE COUNTY**  
**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY**  
**AFFAIRS (PERA)**  
**BOARD AND CODE ADMINISTRATION DIVISION**  
**NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY**  
**PRODUCT CONTROL SECTION**  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera/](http://www.miamidade.gov/pera/)

**T.M. Windows, L.L.C.**  
**601 N.W. 12<sup>th</sup> Ave.**  
**Pompano Beach, FL 33069**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series "230" Outswing Aluminum French Doors w/wo Sidelites – N.I.**

**APPROVAL DOCUMENT:** Drawing No. **W03-38 Rev E**, titled "230 Alum Outswing French Door w/sidelites (NI)", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 06-07-03 and last revised on Jun 14, 2012, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: None. Approved Hurricane Protection Devices complying w/ FBC required.**

**Limitations:**

1. See Design Pressure ratings in sheets 1 & 2 of the Dwgs.
2. Max. Exterior (positive) design loads to be limited for all threshold types per sheet 3 of the Dwgs.
3. Max door leaf width not to exceed 34-1/2" and the max sidelite width not to exceed 37-1/2".

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 10-0923.03 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

6/11/12



**NOA No 12-0309.07**  
**Expiration Date: June 29, 2015**  
**Approval Date: June 21, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under file # **10-0923.03**)
2. Drawing No. **W03-38 Rev E**, titled "230 Alum Outswing French Door w/sidelites (NI)", sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 06-07-03 and last revised on Jun 14, 2012, signed and sealed by Javad Ahmad, P.E.

**B. TESTS (submitted under file # **10-0923.03**)**

1. Test report on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test per FBC, TAS 202-94

Along with installation diagram of an outswing doors w\ sidelite, prepared by Fenestration Testing Laboratory, Inc, Test Report No.**FTL-6265** dated 08/04/10, signed and sealed by Jorge A. Causo, P.E.

2. Test report No(s) **CTLA-136W-1, 2,3,4,5,6** dated 12/09/1996 per SFBC PA 202-4, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

**C. CALCULATIONS**

1. Anchor calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 09/09/2010 and the latest revised on 11/15/10, signed and sealed by Javad Ahmad, P.E. (Submitted under file # **10-0923.03**)
2. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**


1. Notice of Acceptance No. **11-0325.05** for "Saflex clear & color interlayer" issued to Solutia Inc., expiring on 05/21/16.
2. Technical data of flexible Vinyl PVC #GG-75, supplied by American Vinyl Company.

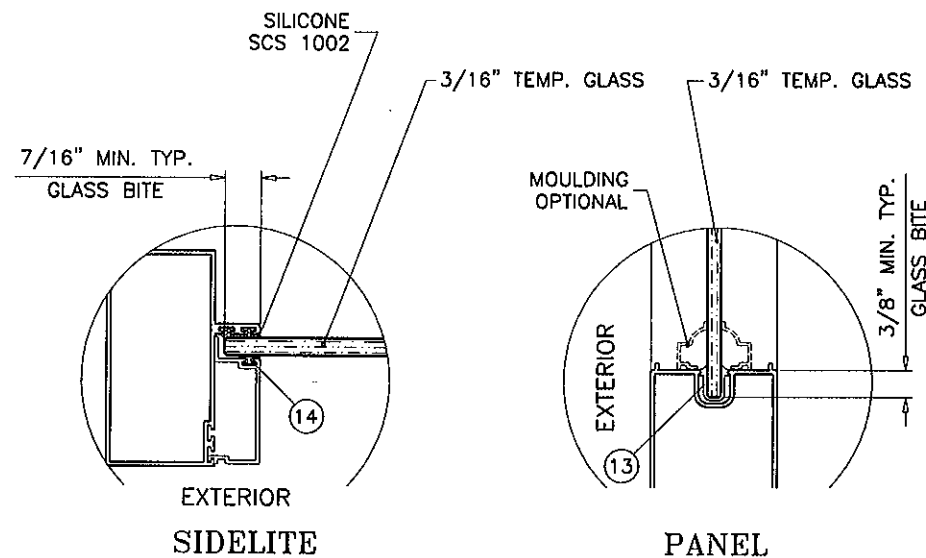
**F. STATEMENTS (submitted under file # **10-0923.03**)**

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 01/23/12, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance FBC 2007 and letter of no financial interest, prepared by Al Farooq Corporation, dated 09/02/10, signed and sealed by late Dr. Humayoun Farooq, P.E. (submitted under file # **10-0923.03**)
3. Lab compliance as part of the above referenced test report.
4. Addendum letter to test report **CTLA-136W-1, 2, 3, 4, 5& 6** dated July 16, 1999, prepared by Certified Testing Laboratories, signed by Jim Blakely.
5. Asset Sale and Purchase agreement dated Aug. 01, 2008 between TM Windows, LLC (Buyer) and TM Window & Door, LLC (Seller), signed by Kevin McCrann, Manager TM Windows, LLC and David Goodman, Manager TM Window & Door, LLC.
6. LLC Purchase agreement dated Nov. 2008 between Pro Marketing Sales, Inc (Buyer) and Shekman Partner, LLC, David Goodman (Seller) and TM Windows, LLC, signed by J. Harvey Hall, Jr. , President Pro Marketing and David Goodman, President/Manager TM Windows, LLC.

**G. OTHER**

1. This NOA revises NOA # **10-0923.03**, expiring on 06/29/15.
2. Test proposal dated March 30, 2010 and approved on Aug 17, 2010 by BCCO.

  
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 12-0309.07  
Expiration Date: June 29, 2015  
Approval Date: June 21, 2012



### GLAZING DETAILS

D.L.O. HEIGHT (SIDELITE) = FRAME HEIGHT - 4.250"  
D.L.O. WIDTH (SIDELITE) = SIDELITE WIDTH - 4.250"  
D.L.O. HEIGHT (DOOR) = LEAF HEIGHT - 6.00"  
D.L.O. WIDTH (DOOR) = LEAF WIDTH - 7.812"

DOORS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

### SERIES-230

#### ALUMINUM OUT-SWING DOOR W/ SIDELITES

APPROVAL APPLIES TO SINGLE (X) AND DOUBLE (XX) LEAF DOORS WITH OR WITHOUT SIDELITES.  
SIDE LITES CAN BE ON ONE OR BOTH SIDES OF DOOR.  
SEE SHEETS 2 FOR DESIGN LOAD CAPACITIES.

DOORS APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

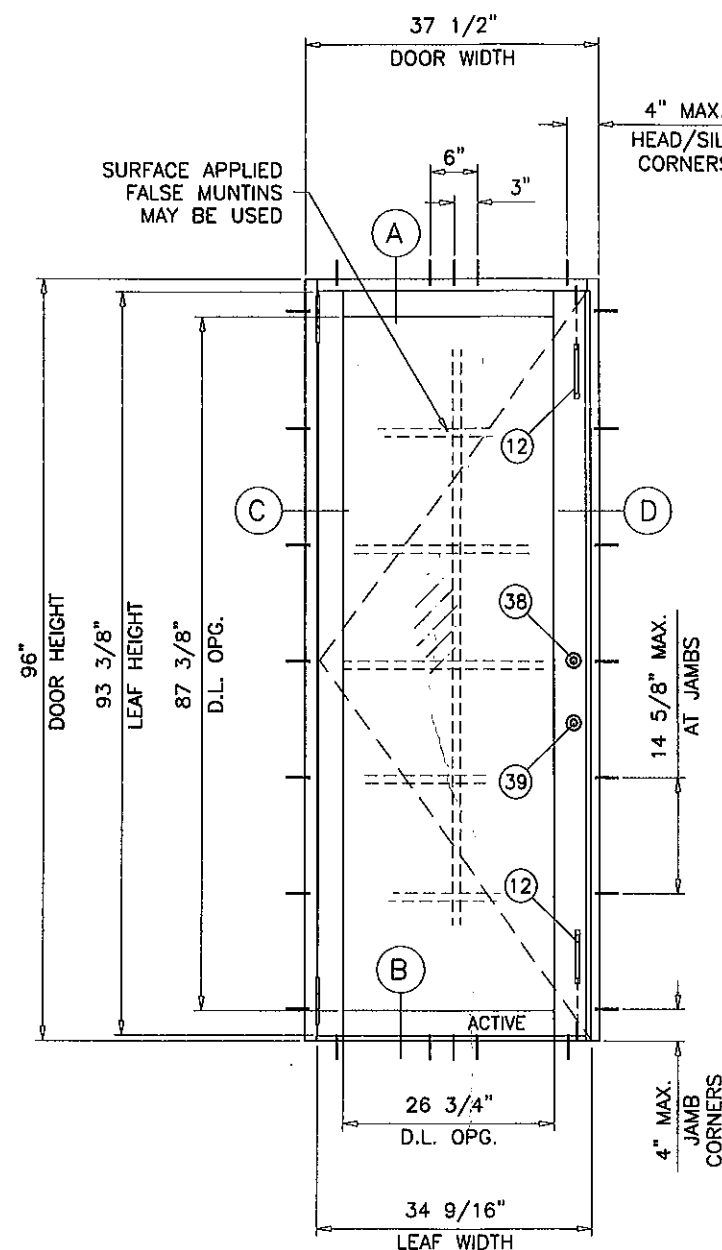
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

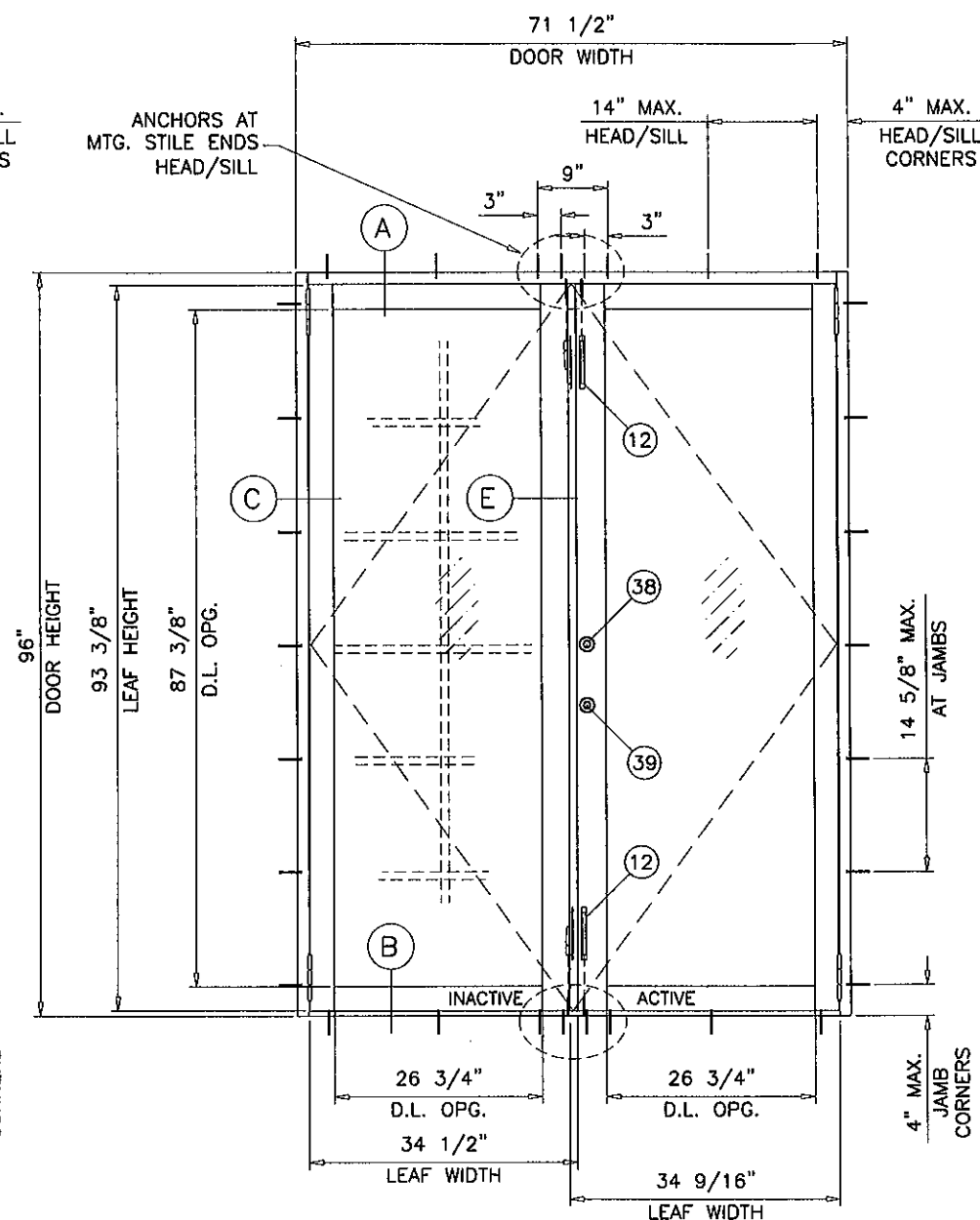
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



( X )



( XX )

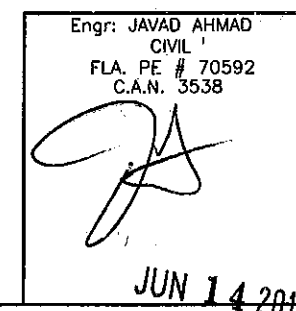
| DOORS LOAD CAPACITY - PSF<br>SINGLE DOORS (X) |             |                    |         |
|---|-------------|--------------------|---------|
| DOOR DIMS.                                    |             | 3/16\" TEMP. GLASS |         |
| DOOR WIDTH                                    | DOOR HEIGHT | EXT.(+)            | INT.(-) |
| 31-1/4"                                       | 80"         | 60.0               | 71.5    |
| 37-1/2"                                       | 80"         | 60.0               | 60.0    |
| 31-1/4"                                       | 96"         | 59.6               | 59.6    |
| 37-1/2"                                       | 96"         | 50.0               | 50.0    |

**PRODUCT REVIEWED**  
as complying with the Florida  
Building Code  
Acceptance No 12-0309-07  
Expiration Date JUNE 29, 2015  
Ishag I. Chande  
Florida State Professional Engineer

| DOORS LOAD CAPACITY - PSF<br>DOUBLE DOORS (XX) |             |                    |         |
|--|-------------|--------------------|---------|
| DOOR DIMS.                                     |             | 3/16\" TEMP. GLASS |         |
| DOOR WIDTH                                     | DOOR HEIGHT | EXT.(+)            | INT.(-) |
| 60"  | 80"         | 60.0               | 71.5    |
| 71-1/2"  | 80"         | 60.0               | 60.0    |
| 60"  | 96"         | 59.6               | 59.6    |
| 71-1/2"  | 96"         | 50.0               | 50.0    |

NOTE:  
EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219



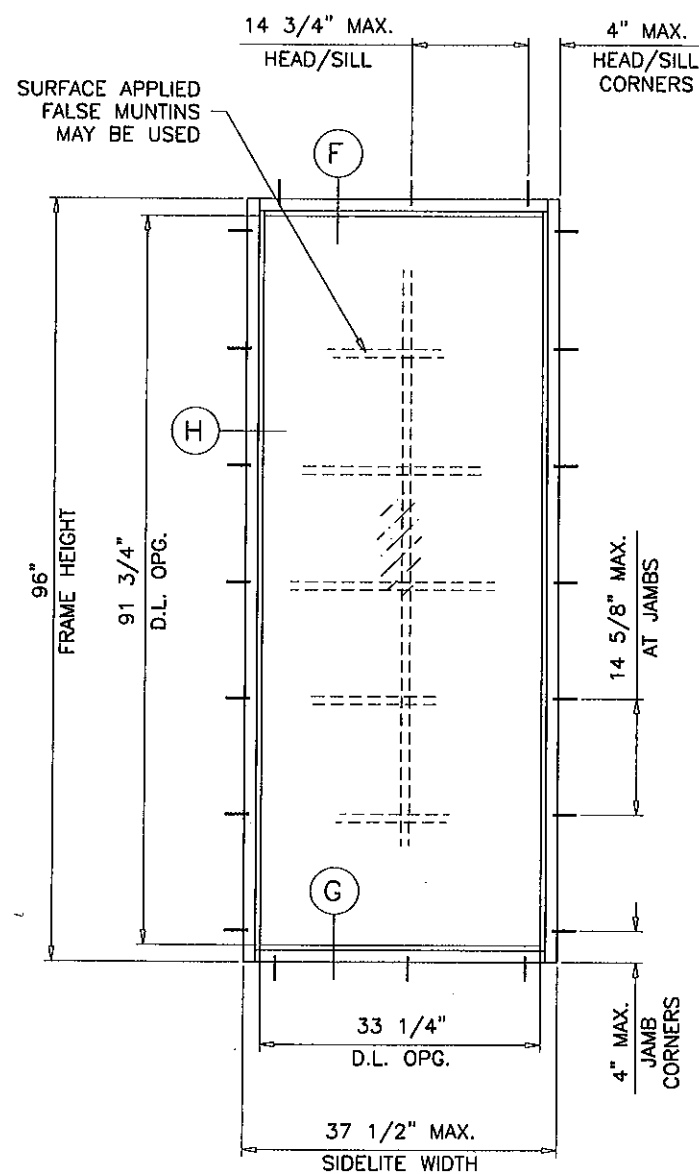
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W03-38TMM

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (N.I.)  
**T.M. WINDOWS LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL (954) 781-4430 FAX (954) 781-5078

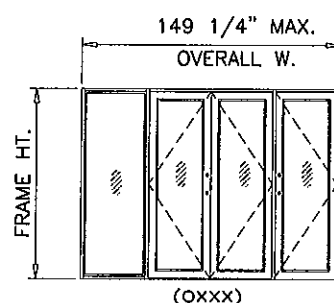
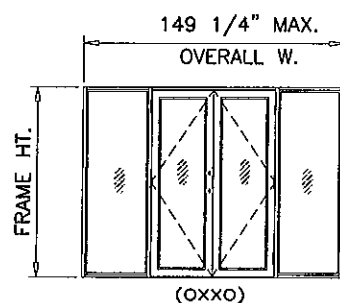
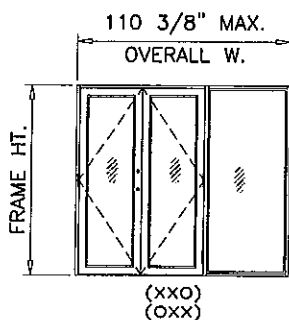
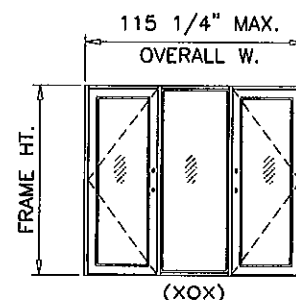
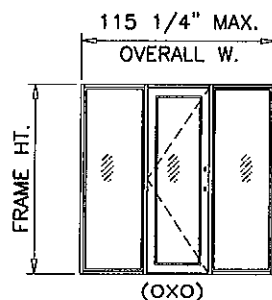
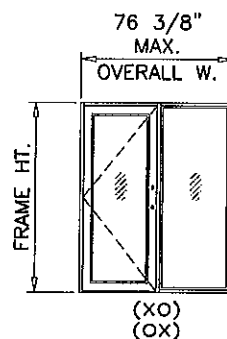
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|            | B  | 01.04.07 |    | REV. PER BCCO COMMENTS |
|            | C  | 08.31.10 |    | UPDATED FOR 2007 FBC   |
|            | D  | 10.29.10 |    | REV. PER BCCO COMMENTS |
|            | E  | 01.24.12 |    | UPDATED TO 2010 FBC    |

date: 06-07-03  
scale: 1/2"=1'-0"  
dr. by: HAMID  
chk. by:

drawing no.  
**W03-38**  
sheet 1 of 7

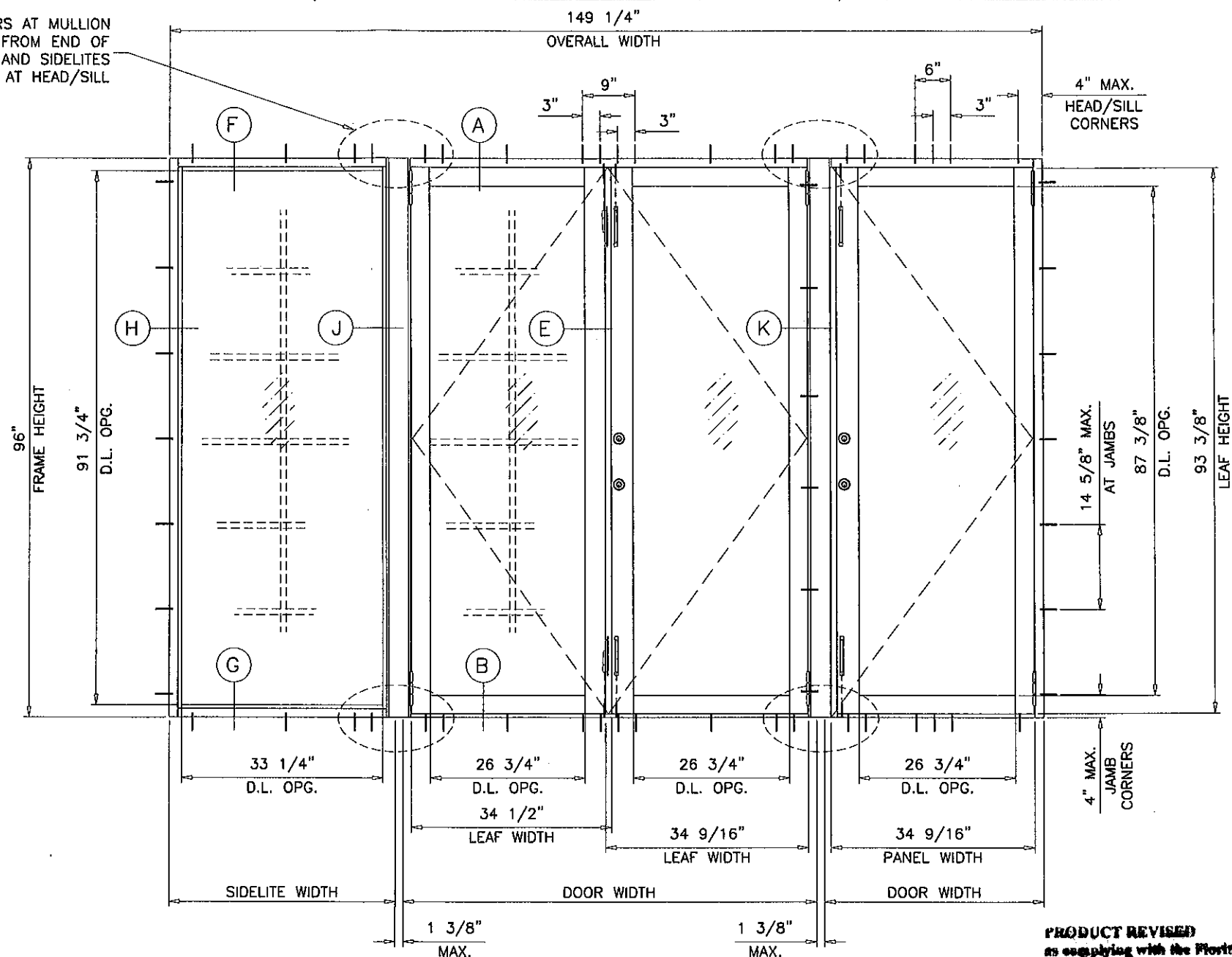


( O )



APPROVED CONFIGURATIONS

ANCHORS AT MULLION  
AT 4" & 7" FROM END OF  
FRAME AT DOOR AND SIDELITES  
TYP. AT HEAD/SILL



( OXXX )

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-030907  
Expiration Date 6/29/15  
Ighug L. Chank  
Product Data: Follow Code

| SIDELITE WITH SINGLE OR DOUBLE LEAF DOORS<br>DESIGN LOAD CAPACITY - PSP |                 |                   |         |
|---|-----------------|-------------------|---------|
| DIMS.   |                 | 3/16" TEMP. GLASS |         |
| SIDELITE<br>WIDTH   | FRAME<br>HEIGHT | EXT.(+)           | INT.(-) |
| 37-1/2"   | 80"             | 63.0              | 63.0    |
| 37-1/2"   | 96"             | 50.0              | 50.0    |

MAX. DOOR WIDTHS:  
SINGLE DOOR = 37-1/2"  
DOUBLE DOOR = 71-1/2"

NOTE:  
FOR DOORS CAPACITIES SEE SHEET 1.  
FOR SIDELITE CAPACITIES SEE CHART ABOVE.  
LOWER VALUES FROM DOOR OR SIDELITE CHART  
WILL APPLY TO ENTIRE SYSTEM.

NOTE:  
GLASS CAPACITIES ON THIS SHEET ARE  
BASED ON ASTM E1300-04 (3 SEC. GUSTS)  
AND FLORIDA BUILDING COMMISSION  
DECLARATORY STATEMENT DCA05-DEC-219

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUN 14 2012

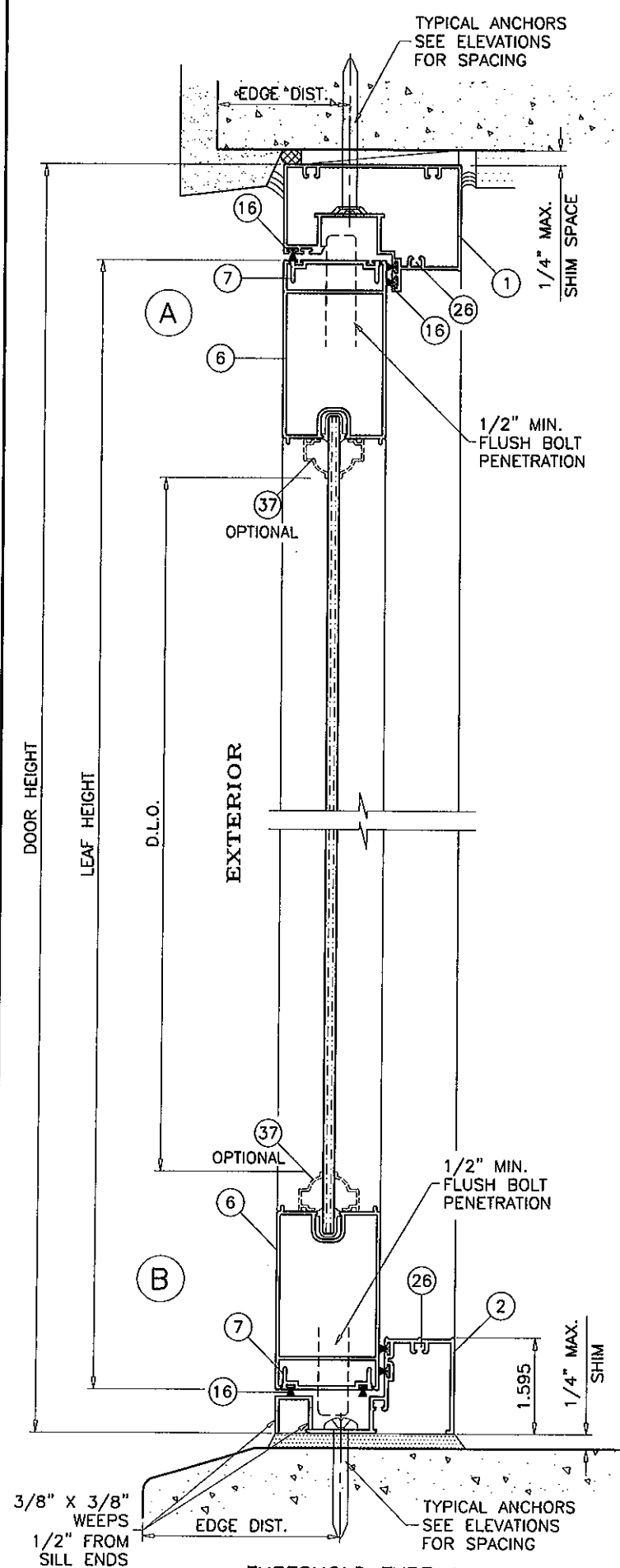
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W03-38TMW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (N.I.)  
**T.M. WINDOWS LLC.**  
601 N.W. 12TH AVE.  
POMPANO BEACH, FL. 33069  
TEL (954) 781-4430 FAX (954) 781-5078

| no | date     | by | description            |
|----|----------|----|------------------------|
| A  | 07.27.06 |    | UPDATED FOR 2004 FBC   |
| B  | 01.04.07 |    | REV. PER BCCO COMMENTS |
| C  | 08.31.10 |    | UPDATED FOR 2007 FBC   |
| D  | 10.29.10 |    | REV. PER BCCO COMMENTS |
| E  | 01.24.12 |    | NO CHANGE THIS SHEET   |

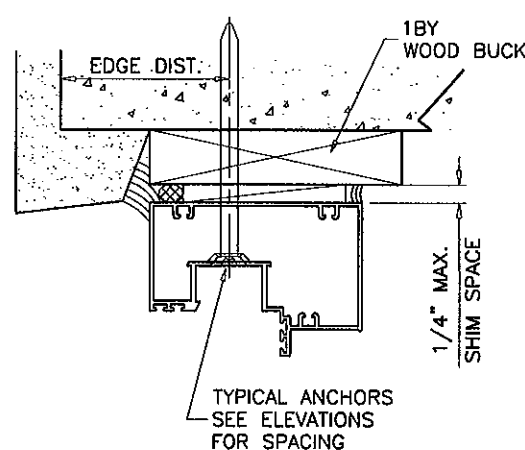
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chk. by:

drawing no.  
**W03-38**  
sheet 2 of 7



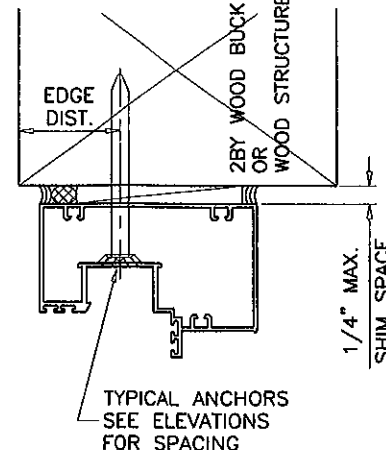
**THRESHOLD TYPE 1**

APPR'D FOR WATER RESISTANCE  
LIMIT MAX. EXT.(+) LOADS TO 53.3 PSF



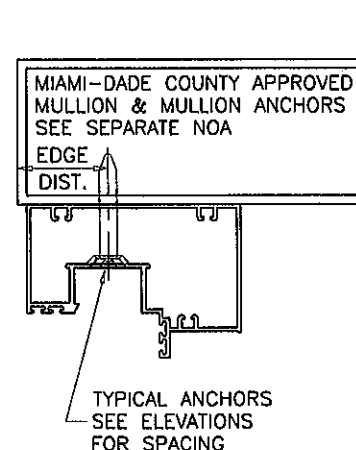
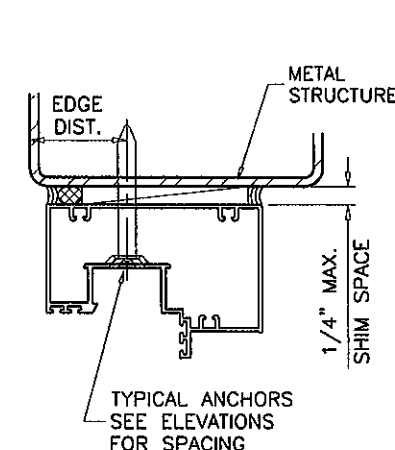
**THRESHOLD TYPE 2**

APPR'D FOR WATER RESISTANCE



**THRESHOLD TYPE 3**

APPR'D FOR WATER RESISTANCE



WOOD BUCKS AND METAL STRUCTURE NOT BY TM WINDOWS  
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM  
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING

1/4" DIA. TAPCON BY 'ITW' OR (Fu=120 KSI, Fy=92 KSI)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**#14 SMS OR SELF DRILLING SCREWS** (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = 1/8")  
INTO METAL STRUCTURES

STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

**TYPICAL EDGE DISTANCE**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 12-0309.07  
Expiration Date 6/29/15  
Ishag I. Chande  
Miami Bay Products Center

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUN 14 2012

**DOOR DETAILS**

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL W03-38TMW

SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (N.I.)

**T.M. WINDOWS LLC.**  
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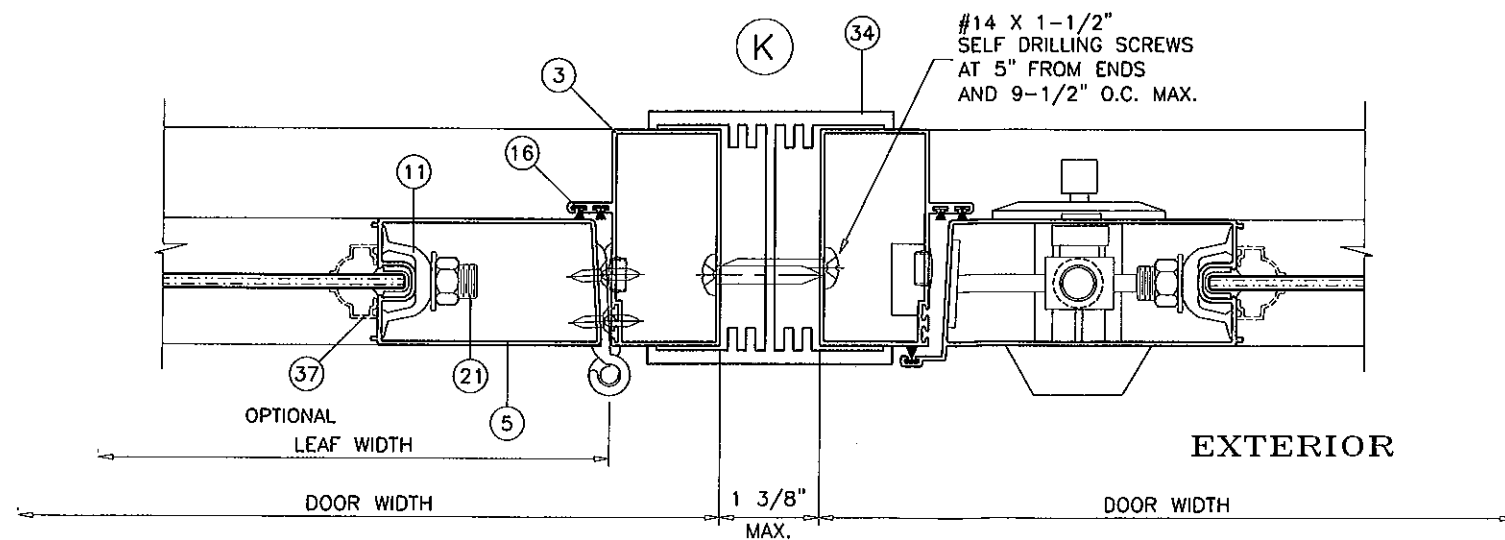
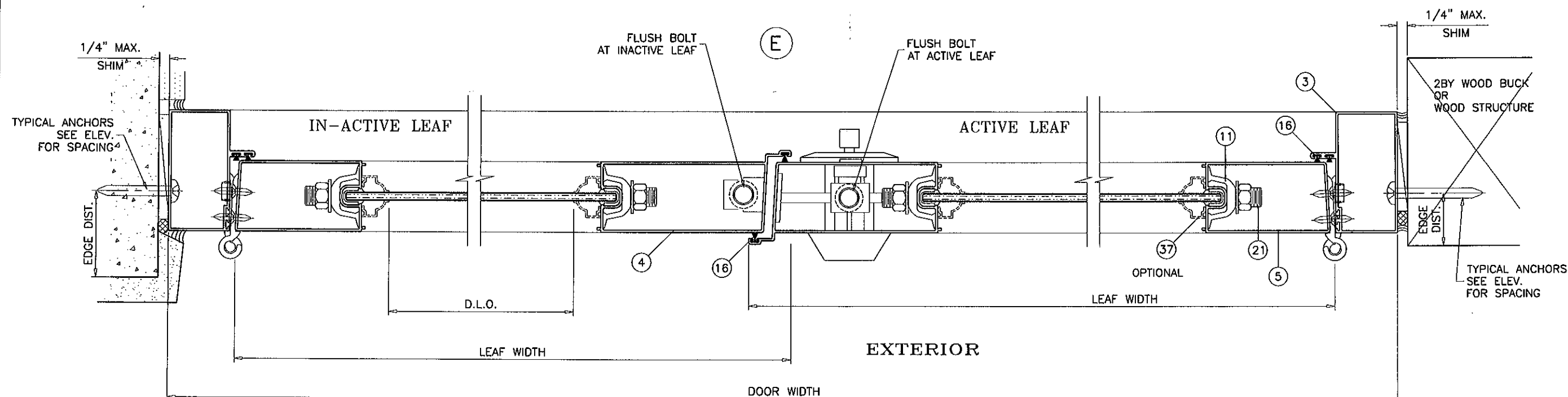
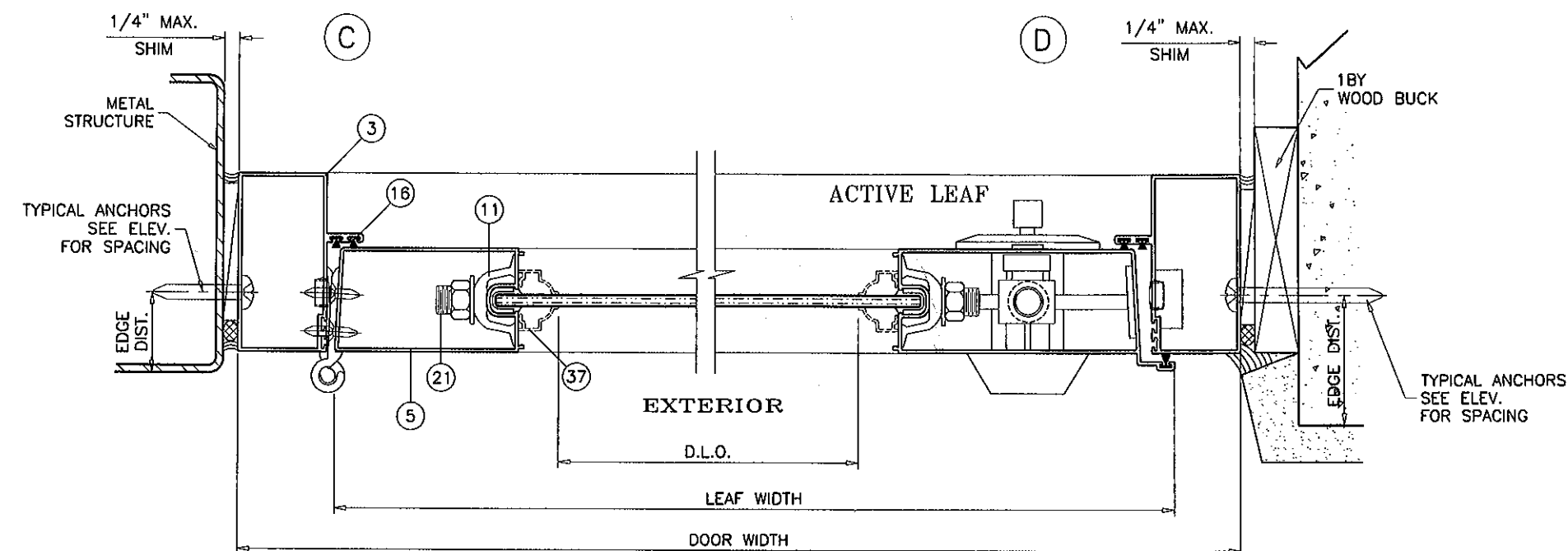
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|            | C  | 06.31.10 |    | UPDATED FOR 2007 FBC   |
|            | D  | 10.29.10 |    | REV. PER BCCO COMMENTS |
|            | E  | 01.24.12 |    | NO CHANGE THIS SHEET   |

date: 06-07-03  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.

**W03-38**

sheet 3 of 7



PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 12-0309-07  
Expiration Date 6/29/15  
By: Khag L. Chaudhary  
Signed: Khag L. Chaudhary

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUN 14 2012

# DOOR DETAILS

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
COMP - ANL \ W03 - 38TMM

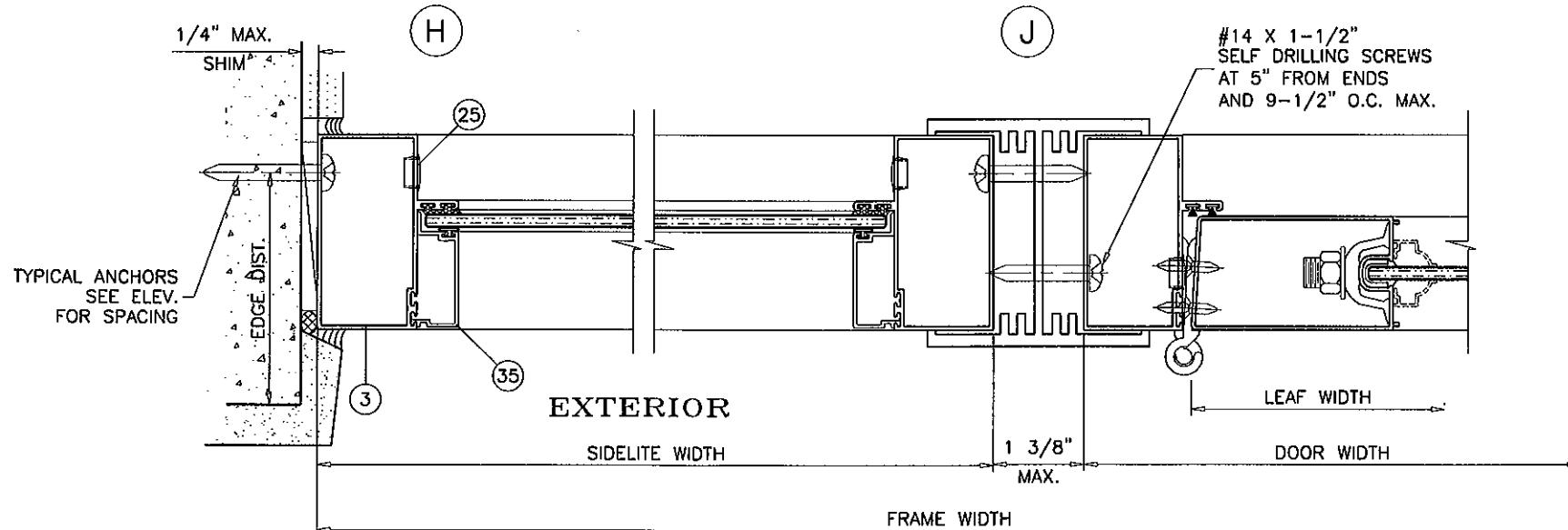
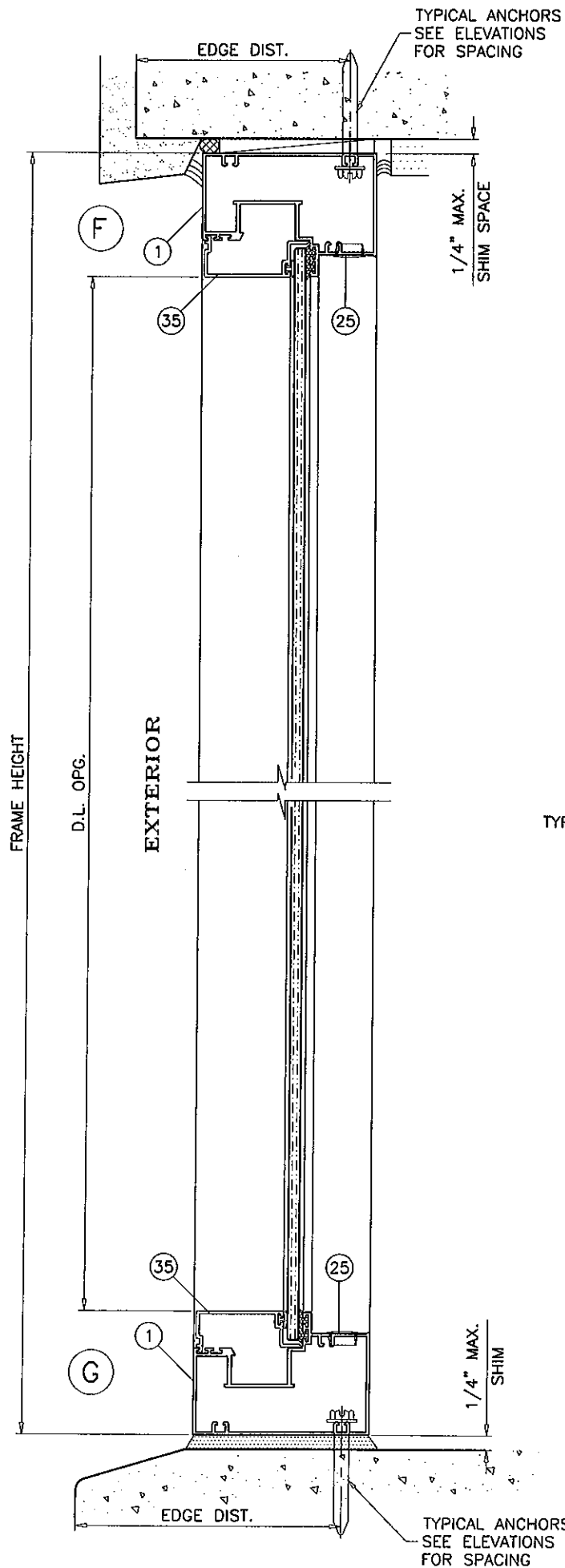
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**T.M. WINDOWS LLC.**  
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TEL. (954) 781-4430 FAX. (954) 781-5078

| no | date     | by | description            |
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| B  | 01.04.07 |    | REV. PER BCCO COMMENTS |
| C  | 08.31.10 |    | UPDATED FOR 2007 FBC   |
| D  | 10.29.10 |    | REV. PER BCCO COMMENTS |
| E  | 01.24.12 |    | FLUSH BOLT REVISED     |

date: 06-07-03  
scale: 3/8" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**W03-38**

sheet 4 of 7



PRODUCT REVIEWED  
on compliance with the Florida  
Building Code  
Adaptation No. 12-0309.07  
Expiration Date 6/29/15  
By Mag. I. Chantle  
Miami Dade Product Council

SIDELITE DETAILS

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

*[Signature]*  
JUN 14 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978

**a f c**

COMP-ANL\W03-38TMM

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SERIES-230 ALUM OUT-SWING DOOR W/ SIDELITES (N.I.)

**T.M. WINDOWS LLC.**  
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| revisions: |          | no | date | by | description            |
|------------|----------|----|------|----|------------------------|
| A          | 07.27.06 |    |      |    | UPDATED FOR 2004 FBC   |
| B          | 01.04.07 |    |      |    | REV. PER BOCO COMMENTS |
| C          | 06.31.10 |    |      |    | UPDATED FOR 2007 FBC   |
| D          | 10.29.10 |    |      |    | REV. PER BOCO COMMENTS |
| E          | 01.24.12 |    |      |    | NO CHANGE THIS SHEET   |

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date: 06-07-03

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dr. by: HAMID

chk. by:

drawing no.  
**W03-38**

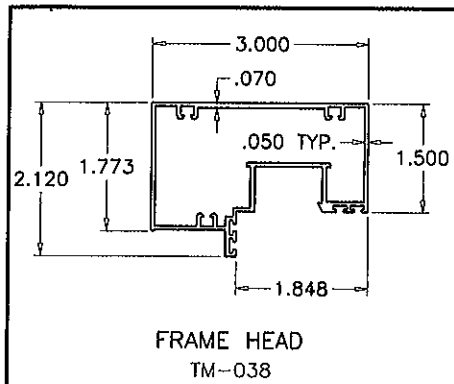
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date: 06-07-03

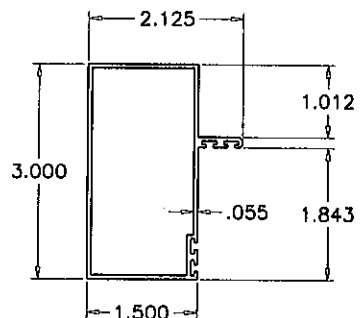
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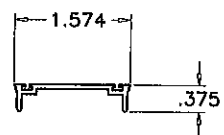
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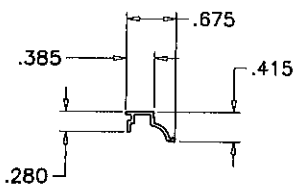
FRAME HEAD  
TM-038



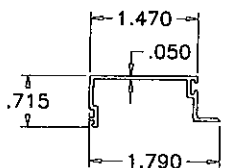
DOOR JAMB/SIDELITE FRAME  
GW 36572



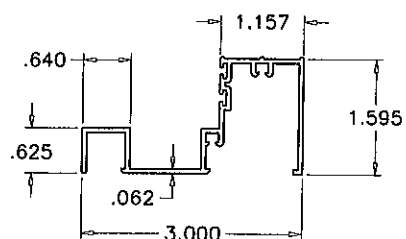
WEATHER-STRIP ADAPTER  
GW-31826



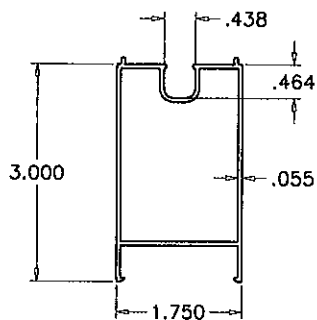
DECORATIVE MOULDING  
GW-36737



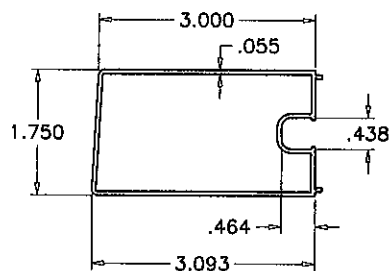
SIDELITE GLAZING BEAD  
TM-044



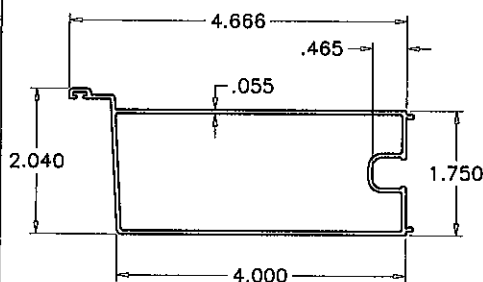
FRAME SILL  
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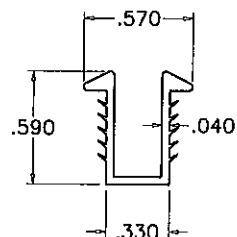
DOOR TOP & BOTTOM RAIL  
GW-36570



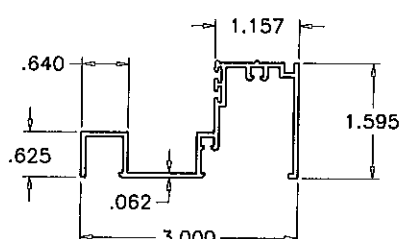
DOOR HINGE STILE  
GW-36571



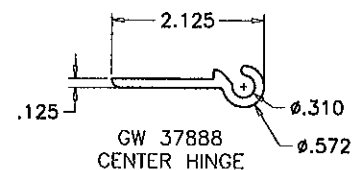
DOOR LEAF STILE  
GW-34601



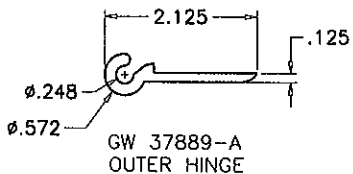
GLAZING GASKET  
SCALE 1:1



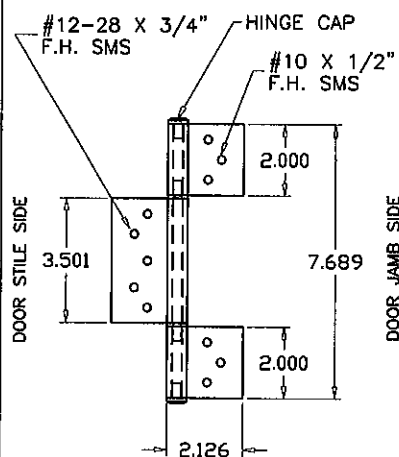
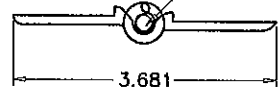
FRAME SILL  
GW-28615



GW 37888  
CENTER HINGE

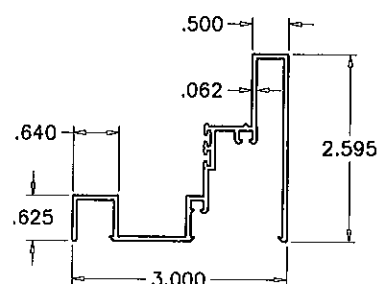


HINGE PIN

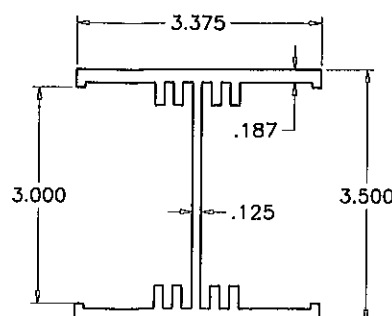


HINGE ASSEMBLY

HARDNESS = 75 SHORE A  
TENSILE STRENGTH (100% STRAIN) = 730 PSI  
TENSILE STRENGTH (BREAK) = 1460 PSI  
ELONGATION AT BREAK = 390%  
SPECIFIC GRAVITY = 1.51



HI RISE FRAME SILL  
TM-184



MULLION  
TM-054A

| ITEM # | PART #    | QUANTITY      | DESCRIPTION                       | MATERIAL | MANF./SUPPLIER/REMARKS          |
|--------|-----------|---------------|-----------------------------------|----------|---------------------------------|
| 1      | TM-038    | 1             | FRAME HEAD                        | 6063-T6  | -                               |
| 2      | 28615     | 1             | FRAME SILL                        | 6063-T6  | -                               |
| 2.1    | GW 28615  | 1             | FRAME SILL                        | 6063-T6  | -                               |
| 2A     | TM184     | 1             | HI RISE FRAME SILL                | 6063-T6  | -                               |
| 3      | GW 36572  | 2             | FRAME JAMB                        | 6063-T6  | -                               |
| 4      | GW-34601  | 1             | PANEL LOCK STILE                  | 6063-T6  | -                               |
| 5      | GW-36571  | 1             | PANEL HINGE STILE                 | 6063-T6  | -                               |
| 6      | GW-36570  | 2             | PANEL TOP/BOTTOM RAIL             | 6063-T6  | -                               |
| 7      | GW 31826  | 4             | WEATHERSTRIP ADAPTER              | 6063-T6  | END OF DOOR STILES (TOP/BOTTOM) |
| 8      | GW 37889A | 2/HINGE ASSY. | TM OUTER BUTT HINGE               | 6063-T6  | DOOR PANEL/FRAME HINGE SIDE     |
| 9      | GW 33888  | 1/HINGE ASSY. | TM CENTER BUTT HINGE              | 6063-T6  | DOOR PANEL/FRAME HINGE SIDE     |
| 11     | GW-34808  | 2/ LEAF       | PRESSURE PLATE-TIE ROD            | ALUMINUM | 4" LONG                         |
| 12     | -         | 2/LEAF        | CONCEALED FLUSH BOLTS             | -        | DOOR LOCK STILES                |
| 13     | WV-1051   | AS REQD.      | MARINE GLAZING GASKET             | VINYL    | AMERICAN VINYL CO.              |
| 14     | AV-0524   | AS REQD.      | BULB GLAZING GASKET, DUROMETER 75 | VINYL    | AMERICAN VINYL CO.              |
| 16     | 4037      | AS REQ'D.     | "ULTRAFAB" CENTERFIN WOOLPILE     | WOOL     | LOCK STILES, JAMBS, HEAD, SILL  |
| 18     | -         | 1/HINGE       | 7/32"Ø HINGE PIN                  | STEEL    | AT EACH HINGE ASSEMBLY          |
| 20     | -         | AS REQD.      | #10 x 1/2" F.H. UNDERCUT SMS.     | STEEL    | AT FLUSH BOLTS                  |
| 21     | -         | 2/LEAF        | 1/2"Ø THREADED ROD, WASHER & NUT  | STEEL    | TOP/BOTTOM END RAILS            |
| 24     | -         | 2/HINGE ASSY. | HINGE BUSHING                     | PLASTIC  | HINGE ASSEMBLY                  |
| 25     | -         | 36            | DUST PLUG (OPTIONAL)              | PLASTIC  | DOOR JAMB INSTALL. SCREW HOLES  |
| 26     | -         | AS REQD.      | #10 x 1" P.H. SMS. (ASSY. SCREW)  | STEEL    | DOOR FRAME MEMBERS/MULL CLIPS   |
| 27     | -         | 2/HINGE ASSY. | HINGE CAP                         | PLASTIC  | HINGE ASSEMBLY                  |
| 34     | TM-054A   | 2             | 'H' MULLION                       | 6063-T5  | -                               |
| 35     | TM-044    | 4             | SIDELITE GLAZING BEAD             | 6063-T6  | SIDE LITE GLAZING PERIMETER     |
| 37     | GW 36737  | OPTIONAL      | O.G. DECORATIVE MOULDING          | 6063-T6  | DOOR PANEL PERIMETER            |
| 38     | -         | 1             | DEAD BOLT LOCK                    | -        | -                               |
| 39     | -         | 1             | CONVENTIONAL LOCK SET             | -        | -                               |

### HINGES:

7-5/8" LONG ALUM BUTT HINGES  
2 PER LEAF AT 8" FROM EACH END

### LOCKS:

- (38) STANDARD STEEL THROW BOLT LOCK, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR  
AT EACH ACTIVE LEAF LOCK STILE, 41-1/2" OR 47-3/4" FROM BOTTOM
- (39) CONVENTIONAL LOCKSET WITH KNOB, KEY OPERATED ON EXTERIOR AND THUMB TURN ON INTERIOR  
AT EACH ACTIVE LEAF LOCK STILE, 36" OR 39-1/2" FROM BOTTOM
- MANUALLY OPERATED CONCEALED FLUSH BOLTS AT TOP & BOTTOM OF EACH ACTIVE AND INACTIVE LEAF LOCK STILES  
(FLUSH BOLTS AT TOP & BOTTOM OF ACTIVE AND INACTIVE LEAFS TO BE ENGAGED DURING PERIODS OF HURRICANE WARNING)

### SEALANTS:

FRAME CORNERS AND GLAZING BEAD TO PANEL SEALED WITH WHITE COLORED SEALANT.  
SEAMS BETWEEN MULLION AND JAMBS SEALED WITH SILICONE.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUN 14 2012

**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL (305) 264-8100 FAX (305) 262-6978  
COMP-ANL\W03-38TMM

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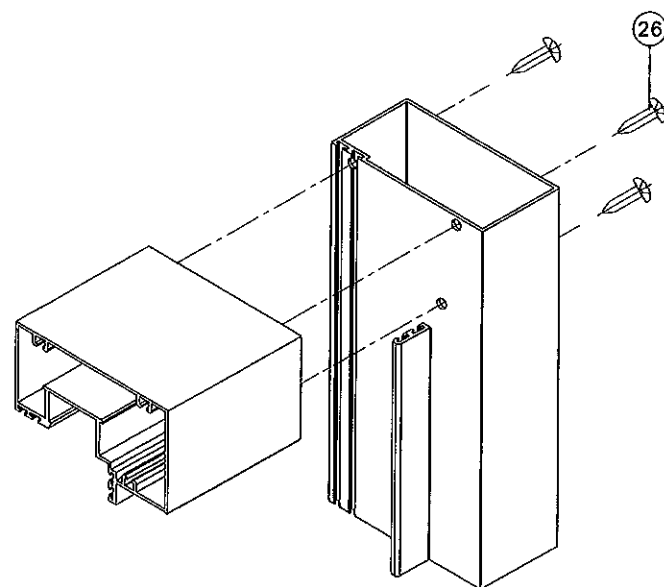
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| revisions: | no | date     | by   | description          |
|------------|----|----------|------|----------------------|
|            | A  | 07.27.06 | NO   | NO CHANGE THIS SHEET |
|            | B  | 01.04.07 | REV. | PER BCCO COMMENTS    |
|            | C  | 08.31.10 | UPD. | FOR 2007 FBC         |
|            | D  | 10.29.10 | REV. | PER BCCO COMMENTS    |
|            | E  | 01.24.12 | LOCK | LOCATION REVISED     |

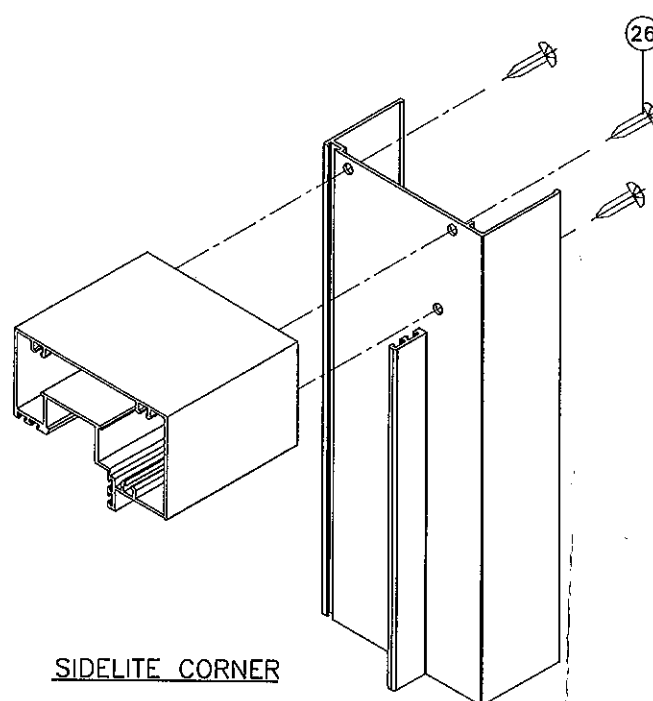
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sheet 6 of 7

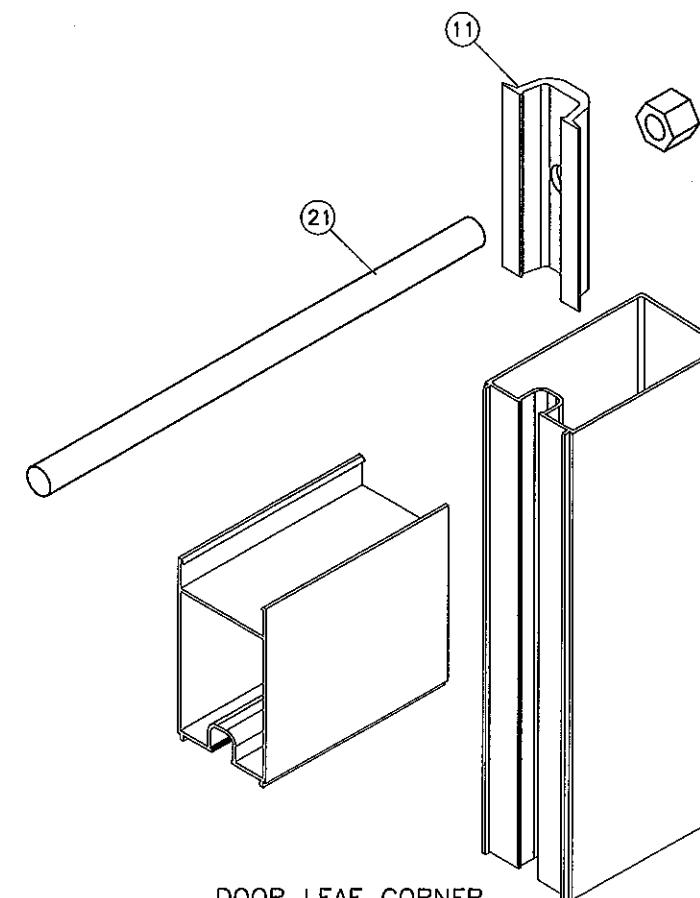




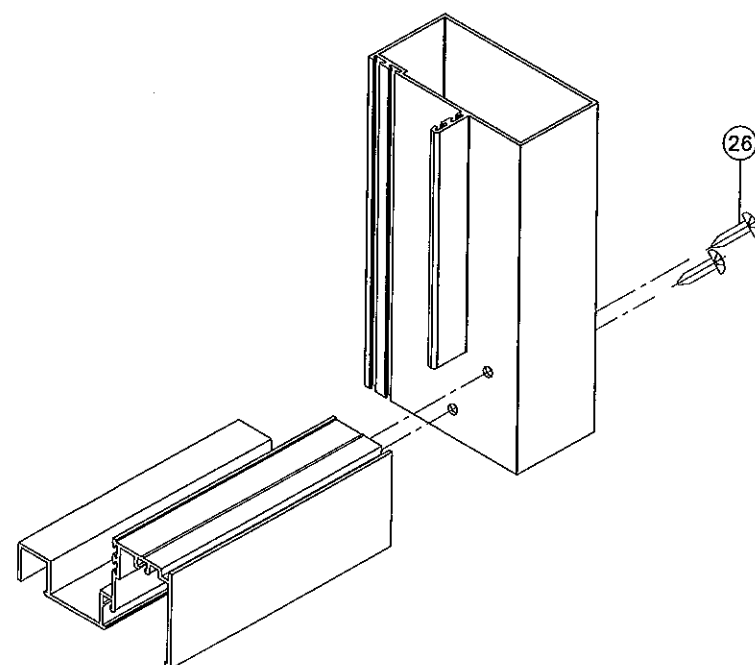
FRAME TOP CORNER  
SIDELITE CORNER



SIDELITE CORNER



DOOR LEAF CORNER



FRAME BOTTOM CORNER

PRODUCT REVIEWED  
to comply with the Florida  
Building Code  
Acceptance No. 12-0309.07  
Expiration Date: JUNE 27, 2015  
By: Isahag I. Chaudhry  
Miami Door Product Control

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538

JUN 14 2012

**af c**  
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